

APPENDIX A - *LMP Feedback*

The goal of ecosystem management is to promote sustainability by protecting the ecosystem elements within and across spatial and temporal scales. One roll is to guide site level projects and decision making by providing a larger scale context. Another roll of ecosystem analysis is to provide feedback to the *Forest Plan*.

The following recommendations were developed during the Callahan Ecosystem Analysis. Some recommendations call for changes to *Forest Plan* Standards and Guidelines, others suggest change to the LMP database (maps).

1- The Messner Gulch compartment is identified as having Areas with Watershed Concerns (AWWCs) in the *Forest Plan*. Analysis conducted during this process indicates that neither Messner Gulch nor any other subwatershed within the Callahan watershed should be considered as having an AWWCs designation for future modeling.

2- For this analysis, a guide has been developed for determining Riparian Reserve widths (Appendix X - Recommendations for Riparian Reserves and Management in the Callahan Watershed). It is recommended that this guide be utilized for delineating Riparian Reserves within the watershed.

3- Through this analysis the Streams layer was updated and EUI data were used to update meadow locations; by using these updates a more accurate mapping of Riparian Reserves was possible. For future modeling, it is recommended that updated Riparian Reserve mapping be used.

4- Using the updated Riparian Reserve mapping, updated Areas with Watershed Concerns, and refined vegetation mapping, an identification of areas capable of supporting timber harvest has been developed in this analysis. It is recommended that this refinement of capable acres in the General Forest and Partial Retention land allocations be used in developing expected timber yields from the watershed.